

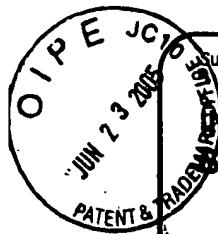
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PTO/SB/08A (08-00)

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 5

Complete if Known

Application Number	10/027,634
Filing Date	December 21, 2001
First Named Inventor	John K. Edwards et al.
Group Art Unit	2186
Examiner Name	Hong Chong Kim
Attorney Docket Number	112056-0002

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
HCK	1	Re. 34,100		Hartness	10-13-1992	
	2	4,156,907		Rawlings, et al.	05-29-1979	
	3	4,399,503		Hawley	08-16-1983	
	4	4,598,357		Swenson et al.	07-01-1986	
	5	4,688,221		Nakamura et al.	08-18-1987	
	6	4,698,808		Ishii	10-06-1987	
	7	4,761,785	B1	Clark et al.	08-02-1988	
	8	4,805,090		Coogan	02-14-1989	
	9	4,837,675		Bean et al.	06-06-1989	
	10	4,864,497		Lowry et al.	09-05-1989	
	11	4,896,259		Jacobs et al.	01-23-1990	
	12	4,899,342		Potter et al.	02-06-1990	
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	14	5,124,987		Milligan et al.	06-23-1992	
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	16	5,426,747		Weinreb et al.	06-20-1995	
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	18	6,636,879	B1	Doucette et al.	10-21-2003	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T _e
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
HCK	19	WO	89/10594		Krakauer, Amo	11-02-1989		

Examiner Signature	H. Kim	Date Considered	7/22/05
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.-16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/027,634
		Filing Date	December 21, 2001
		First Named Inventor	John K. Edwards et al.
		Group Art Unit	2186
		Examiner Name	Hong Chong Kim
Sheet 2 of 5	Attorney Docket Number	112056-0002	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
idc	20	Administration Guide found at http://www.openafs.org/pages/doc/AdminGuide/auagd010.htm , visited on 3/2/2005	
idc	21	BASILICO, ET AL., <i>Error Correction System Using "Shadow Memory,"</i> IBM Technical Disclosure Bulletin, May 1984, pp. 5792-5793	
idc	22	BITTON, DINA, <i>Disk Shadowing</i> , Proceedings of the 14 th VLDB Conference, LA, CA (1988)	
idc	23	BLASGEN, M.W. ET AL., <i>System R: An architectural Overview</i> , Reprinted from IBM Systems Journal Vol. 20, no. 1, 1981/1981, 1999	
idc	24	BORENSTEIN, NATHANIEL S., <i>CMU's Andrew project a retrospective</i> , Communications of ACM, (39)12, December 1996	
idc	25	BROWN, MARK R. ET AL., <i>The Alpine file system</i> , ACM Transactions on Computing Systems, 3(4):261-293, November 1985	
idc	26	CHEN, PETER M., ET AL., <i>An Evaluation of Redundant Arrays of Disks Using an Amdahl 5890 Performance Evaluation</i> , pp. 74-85, 1990	
idc	27	CHUTANI, SAILESH, ET AL., <i>The Episode file system</i> , In Proceedings of the USENIX Winter 1992	
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idc	29	Data Sheet for the Check Point Software Technologies product Flood-Gate-1 (1997)	
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idc	32	GAIT, JASON, <i>Phoenix: A Safe In-Memory File System</i> , Communications of the ACM, 33(1):81-86, January 1990	
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idc	34	HITZ, DAVE ET AL., <i>File System Design for an NFS File Server Appliance</i> , Technical Report 3002, Rev. C395, presented Jan. 19, 1994	
Examiner Signature	H Kim		Date Considered 7/22/05

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
Sheet	3	of	5
		Application Number	10/027,634
		Filing Date	December 21, 2001
		First Named Inventor	John K. Edwards et al.
		Group Art Unit	2186
		Examiner Name	Hong Chong Kim
		Attorney Docket Number	112056-0002

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published:	T ²
HCK	35	HOWARD, JOHN H, ET AL. <i>Scale and Performance in a Distributed File System</i> , Carnegie Mellon University, CMU-ITC-87-068, Aug. 5, 1987	
HCK	36	HOWARD, JOHN, H. ET AL., <i>Scale and performance in a distributed file system</i> , ACM Trans. Comput. Syst., 6(1), Feb. 1988 pp. 51-81	
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HCK	40	KAZAR, MICHAEL L., ET AL., <i>Decorum File System Architectural Overview</i> , USENIX Summer Conference, Anaheim, California, 1990	
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HCK	44	MCKUSICK, MARSHALL KIRK, ET AL., <i>A Fast File System for UNIX</i> , Computer Science Division, Department of Electrical Engineering and Computer Sciences, Univ. of CA, Berkley, Feb. 18, 1994	
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HCK	46	MOONS, HERMAN ET AL., <i>Location-Independent Object Invocation in Open Distributed Systems</i> , Autumn 1991 EurOpen Technical Conference and Exhibition, pp. 287-300 (September 16-20, 1991)	
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Examiner Signature	H. Kim		Date Considered
			8/31/05

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Substitute for form 1448A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/027,634
		Filing Date	December 21, 2001
		First Named Inventor	John K. Edwards et al.
		Group Art Unit	2186
		Examiner Name	Hong Chong Kim
Sheet 4 of 5	Attorney Docket Number	112056-0002	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
ide	50	OUSTERHOUT, JOHN K. ET AL., <i>The Sprite Network Operating System</i> , Computer Science Division, Department of Electrical Engineering and Computer Sciences, Univ. of CA, Berkley, Nov. 19, 1987	
ide	51	OUSTERHOUT, JOHN ET AL., <i>Beating the I/O Bottleneck: A Case for Log-Structured File Systems</i> , Technical Report, Computer Science Division, Electrical Engineering and Computer Sciences, University of California at Berkeley, October 30, 1988	
ide	52	OUSTERHOUT, JOHN, <i>Why Aren't Operating Systems Getting Faster as Fast as Hardware?</i> , Digital WRL Technical Note TN-11, October 1989	
ide	53	OUSTERHOUT, JOHN, <i>A Brief Retrospective On The Sprite Network Operating System</i> , found at http://www.cs.berkeley.edu/projects/sprite/retrospective.html visited on 3/11/2005	
ide	54	PATTERSON, D., ET AL., <i>A Case for Redundant Arrays of Inexpensive Disks (RAID)</i> , Technical Report, CSD-87-391, Computer Science Division, Electrical Engineering and Computer Sciences, University of California at Berkeley (1987)	
ide	55	PATTERSON, D., ET AL., <i>A Case for Redundant Arrays of Inexpensive Disks (RAID)</i> , SIGMOD International Conference on Management of Data, Chicago, IL, USA, 1-3 June 1988, SIGMOD RECORD (17)3:109-16 (Sept. 1988)	
ide	56	PETERSON, ZACHARY NATHANIEL JOSEPH, <i>Data Placement for Copy-on-Write Using Virtual Contiguity</i> , University of CA, Santa Cruz, Master of Science in Computer Science Thesis, September 2002	
ide	57	QUINLAN, SEAN, <i>A Cached WORM File System</i> , Software-Practice and Experience, 21(12):1289-1299 (1991)	
ide	58	Redundant Array of Independent Disks, from Wikipedia, the free encyclopedia, found at http://en.wikipedia.org/wiki/RAID , visited on 3/9/2005	
ide	59	ROSENBERG, J., ET AL., <i>Stability in a Persistent Store Based on a Large Virtual Memory</i> , In <i>Security and Persistence</i> , Rosenber, J. & Keedy, J.L. (ed), Springer-Verlag (1990) pp 229-245	
ide	60	ROSENBLUM, MENDEL, ET AL., <i>The LFS Storage Manager</i> , Computer Science Division, Electrical Engin. And Computer Sciences, Univ. of CA, presented at Summer '90 USENIX Technical Conference, Anaheim, CA June 1990	
ide	61	ROSENBLUM, MENDEL, ET AL., <i>The Design and Implementation of a Log-Structured File System</i> July 24, 1991 pp1-15.	
ide	62	ROSENBLUM, MENDEL, ET AL., <i>The Design and Implementation of a Log-Structured File System</i> , In <i>Proceedings of ACM Transactions on Computer Systems</i> , (10)1:26-52, February 1992	
ide	63	SANDBERG, RUSSEL ET AL., <i>Design and implementation of the Sun Network Filesystem</i> . In <i>Proc. Summer 1985 USENIX Conf.</i> , pages 119-130, Portland OR (USA), June 1985	

Examiner Signature		Date Considered	8/3/05
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Application Number		10/027,634	
Filing Date		December 21, 2001	
First Named Inventor		John K. Edwards et al.	
Group Art Unit		2186	
Examiner Name		Hong Chong Kim	
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HCK	64	SANTRY, DOUGLAS S., ET AL., <i>Deciding When to Forget in the Elephant File System</i> , Operating Systems Review, 34(5), (Dec. 1999) pp.110-123	
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HCK	67	SATYANARAYANAN, M., ET AL., <i>Coda: A highly available file system for a distributed workstation environment</i> Carnegie Mellon University, CMU-ITC.	
HCK	68	SATYANARAYANAN, M., ET AL., <i>Coda: A highly available file system for a distributed workstation environment</i> . IEEE Transactions on Computers, 39(4):447-459, 1990	
HCK	69	SATYANARAYANAN, MAHADEV, <i>Scalable, Secure, and Highly Available Distributed File Access</i> , Computer May 1990: 9-21	
HCK	70	SIDEBOTHAM, BOB, <i>Volumes: The Andrew File System Data Structuring Primitive</i> , EEUG Conference Proceedings, Manchester, UK, Autumn 1986	
HCK	71	User Guide found at http://www.openafs.org/pages/doc/UserGuide/auusg004.htm , visited on 3/2/2005	
HCK	72	WELCH, BRENT B., ET AL., <i>Pseudo Devices: User-Level Extensions to the Sprite File System</i> , Computer Science Division, Department of Electrical Engineering and Computer Sciences, Univ. of CA, Berkley, April 1988	
HCK	73	WELCH, BRENT B., ET AL., <i>Pseudo-File-Systems</i> , Computer Science Division, Department of Electrical Engineering and Computer Sciences, Univ. of CA, Berkley, Oct. 1989	
HCK	74	WITTE, MARK, ET AL., <i>LADDIS: The next generation in NFS file server benchmarking</i> , USENIX Association Conference Proceedings, April 1993.	

Examiner Signature	H Kim	Date Considered	7/22/05
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